Fourth and Part Bill.

**M. A. R. 57 (Rule 116)** **No. E**

Measurement Book

439649

W.O. .....

Name of work Construction of swimming pool at Amrutha Nagar Byatarayanapura From ..... To .....

Name of Contractor of nature of Agency ward no 7. K. Somappa

Date of commencement of work 07.09.2018

| Full description, etc, of work | Number | Dimensions | | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| | | Length | Breadth | | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Work Code : | 007-15-000059 | | | | | |
| Est Cost : | 700.00 Lakhs | | | | | |
| Agreement No: | EE(Project)/YNK Zone/WO/12/18-19. | | | | | |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents |
|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 15. | Providing and Constructing Precast Concrete Solid Blocks with the Compressive Strength not less than 35 kg/ with Cement -- Complete. Quantity same as recorded in emb page No. 1 now to be paid @ Rs 1011.96/Cum | | | | | Quantity 86.88 Cum |
| 20. | Providing 18mm thick cement plaster in Single Coat with cement mortar 1:4 to brick masonry -- Out side Plastering | | | | | |

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**M. A. R. 57 (Rule 116)** **No. E**

Measurement Book

439650

No. ..... From ..... To .....

of work .....

of Contractor of nature of Agency.....

of commencement of work.....

| Full description, etc, of work | Number | Dimensions: Length | Dimensions: Breadth | Dimensions: Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Quantity same as recorded in emb Nowo to be paid Qty @ Rs 277.56/sqm | | | | | page No. 1 188.24 | Sqm Rs 52247.89 |
| 24) Providing ACE paint to external walls of approved colour and shade over prime's cost after brooming and cleaning the Surface and applying two coats of ACE paint with cost of all material, labour, Feed lift with loading --Complete | | | | | | |

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9| M. sand

01-10-21 (5)

## MEASUREMENT BOOK

| Full description, etc, of work (2) | Dimensions: Number (3) | Length (4) | Breadth (5) | Depth (6) | Contents (7) | Ref. to Measurement |
|---|---|---|---|---|---|---|
| Quantity same as recorded in emb 2 page No Now to be paid Quantity @ Rs 160/sqm | | | | | 188.24 | Rs 30118.40 |
| Providing and laying 1.35mm pre-painted Galvolume Iron Trapezoid profiled Sheet of approved make 1060mm -- Complete. | | | | | | |
| Quantity same as recorded in emb page No 2 No w to be paid Qnty | | | | | 1032.75 sqm | |
| @ Rs 2916.00/sqm @ Rs 178.2/m | | | | | | Rs 30114.99 |

M. A. R. 57 (Rule 116) No. E

Measurement Book

439651

No. ..... From ..... To .....

of work .....

of Contractor of nature of Agency.....

of commencement of work.....

| Full description, etc, of work (2) | Dimensions: Number (3) | Length (4) | Breadth (5) | Depth (6) | Contents (7) | Reference to last Measurement (8) |
|---|---|---|---|---|---|---|
| 106. Providing & fixing chlorinated Poly Vanyl pipes having thermal stability for hot and cold water supply including all CPVC -- 25mm nominal pipe | | | | | | |
| Quantity same as recorded in emb page No. 2 to be paid Quantity 148.50 m @ Rs 178.2/m | | | | | | Rs 26462.70 |
| 107. Providing & fixing CPVC pipe -- Buried 50mm nominal OD pipe. | | | | | | |
| Quantity same as recorded in emb page No. 3 | | | | | | |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| | | Now to be paid qty | | | | 10.00 | m |
| | | @ Rs 486.00/m | | | | Rs | 4860.00 |
| 108. | Providing and fixing CPVC -- 100mm Nominal OD pipe | | | | | | |
| | Quantity same as recorded in emb page No 3 | | | | | | |
| | Now to be paid qty | | | | | 10.00 | m |
| | @ Rs 2570.40/m | | | | | Rs | 25704.00 |
| 107 114 | Providing and fixing to wall ceiling and floor high density poly ethelene pipes 6.00kg/sq.cm -- Complete | | | | | 50.00 | m/dia |

M. A. R. 57 (Rule 116) No. E
Measurement Book

439652

No. .....
of work ..... From ..... To .....
of Contractor of nature of Agency.....
f commencement of work.....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| | Number | Length | Breadth | Depth | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Quantity same as recorded in emb page No. 3 | | | | | | |
| Now to be paid qty | | | | | 100.00 | m |
| @ Rs 373.58/m | | | | | Rs 37358.00 | |
| 115) Providing and fixing to wall, ceiling and floor high density poly ethelene pipes 6.00kgf/sqcm -- 90mm dia | | | | | | |
| Quantity same as recorded in emb page No. 3 | | | | | | |
| Now to be paid qty | | | | | 100.00 | m |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Ref. to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | Number 3 | Length 4 | Breadth 5 | Depth 6 | 7 | |
| | @ Rs 616.68/m | | | | | Rs 61668 | |
| 116. | Providing and fixing to wall ceiling and floor High density -- 140mm dia | | | | | | |
| | Quantity same as recorded in emb page no 3. | | | | | | |
| | Now to be paid Quantity | | | | | 99.00 | m |
| | @ Rs 774.36/m | | | | | Rs | 76661.64 |
| 122 | Substation Equipment. Supply and erection of 11 Mtr Spun pole including earth work -- complete | | | | | | |

M. A. R. 57 (Rule 116) No. E

Measurement Book

439653

No. .....

of work ..... From ..... To .....

of Contractor of nature of Agency.....

of commencement of work.....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| 2 | Number 3 | Length 4 | Breadth 5 | Depth 6 | 7 | 8 |
| Quantity same as recorded in emb page no 3 | | | | | | |
| | | | | Quantity | 1.00 | No. |
| | | | @ | Rs 22957.00/No | | Rs 22957.00 |
| 123) Supply and fixing of Single Pole Mounted Transformer kit for 100/250 KVA on 11 Mtrs -- Complete | | | | | | |
| Quantity same as recorded in emb page No 4 | | | | | | 31800.00 |
| 31800.00 | | | | Quantity | 1.00 | |
| @ Rs 22957.00/nr | | | | | | Rs 22957.00 |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 124 | Supplying and fixing including all Hardware's etc 200 Amps single break. | | | | | | |
| | Quantity same as recorded in emb page No 4 | | | | | | |
| | | | | | Quantity | 1.00 | No. |
| | | | | | @ Rs 9840.00 | | Rs 9840 |
| RS. | Supplying and fixing including all Hardware's etc H Frame set. | | | | | | |
| | Quantity same as recorded in emb page No | | | | | | |
| | | | | | Quantity | 1.00 | No |
| | | | | | @ Rs 4560.00/No | | Rs 4560 |

M. A. R. 57 (Rule 116) No. E

Measurement Book

439654

No. ..... From ..... To .....

of work .....

of Contractor of nature of Agency.....

f commencement of work.....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| | Number | Length | Breadth | Depth | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 126) Supply and fix of Cross arm including all Hardware's Complete -- 50 x 450 x 6mm - 982 mm -- Complete. | | | | | | |
| Quantity same as recorded in emb page No. 4 | | | | | | |
| | | | | Quantity | 2.00 | No. |
| | | | | @ Rs 562.00 | /No | Rs 1124.00. |
| 127) Supplying and fixing all Hardware's etc -- Disc Insulator 70/90 KN -- Complete | | | | | | |
| Quantity same as recorded in emb page No 4 | | | | | | |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions: Number | Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| | | | | Quantity | | 6·00 | Each |
| | | | @ Rs | 540/NO | | Rs | 3240·00 |
| 128 | Supplying and fixing all Hardware -- 11KV Pin Quantity same as recorded in emb page No | | | | | | |
| | | | | Quantity | | 6·00 | Each |
| | | | @ Rs 114·00/Each | | | Rs | 684·00 |
| 129. | Supplying and fixing all hardware HT ST Support 50x8 mm -- Complete. Quantity same as recorded in emb | | | | | | |

M. A. R. 57 (Rule 116) No. E 439655

Measurement Book

No. ..... From ..... To .....

of work .....

of Contractor of nature of Agency.....

of commencement of work.....

| Full description, etc, of work | Dimensions: Number | Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | Quantity | | 2·00 | Each |
| | | @ Rs 172 | /NO | | | Rs 344·00 |
| 130) Supply and fixing 9 Core 4mm -- 4 Pin, 45x45x5mm - 1110mm Quantity same as recorded in emb page No | | | | | | |
| | | | Quantity | | 4·00 | Each |
| | | | @ Rs 461·00/Each | | | Rs 1844·00. |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 131 | Supplying and fixing including all Hardwares Horn Gap Fuse Units (HG) -- Complete. Quantity same as recorded in emb page No.5 | | | | | | |
| | | | | | Quantity | 1.00 | No. |
| | @ Rs 1320.00 /No | | | | | Rs | 1320.00 |
| 132 | Supplying and fixing Lightning Arrestor 9KV 5KA polymeric type. Quantity same as recorded in emb page No.5 | | | | | | |
| | | | | | Quantity | 1.00 | No |
| | @ Rs 4250.00 /No | | | | | Rs | 4250.00 |

M. A. R. 57 (Rule 116) No. E

Measurement Book

439656

No. ..... From ..... To .....

e of work .....

e of Contractor of nature of Agency.....

of commencement of work.....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| | Number | Length | Breadth | Depth | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 133) Supplying erection, testing, and commission of 11kV Load Break Switch with 4 wire Metering cubicle and connected accessories -- complete. Quantity same as recorded in emb page No. 5. | | | | | | |
| | | | | Quantity | 1.00 | No. |
| | @ Rs 319987.00 | | | | Rs | 319987.00. |
| 135) GI Pipes B-class GI Pipe - 150 mm Dia 768058 -- Complete. Quantity same as recorded in emb page No. 5 | | | | | | |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| | | | | Quantity | | 10.00 | No. |
| | | | | @ Rs 11440.00/No | | | Rs 11440.00 |
| 136. | Supplying, erecting, testing and commissioning KVA capacity copper wound distribution transformer 11KV/433V with off load Tap Switch --- complete. Quantity same as recorded in emb page No. 5 | | | | | | |
| | | | | Quantity | | 1.00 | No. |
| | | | | @ Rs 328700.00/No | | | Rs 328700.00 |
| 137 | Distribution Box for 63/100 KVA transformer with 1 No 160 Amps 25 KA 4 pole MCCB - Complete | | | | | | |

M. A. R. 57 (Rule 116) No. E

Measurement Book

439657

No. ..... From ..... To .....

of work .....

of Contractor of nature of Agency.....

of commencement of work.....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| | Number | Length | Breadth | Depth | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Quantity same as recorded in emb page No. 5. | | | | | | |
| | | | Quantity | 1.00 | | No. |
| | | | @ Rs 18270.00/No. | | | Rs 18270.00 |
| 138) Earthing System. fixing, wiring, electrodes grounding conduits, I.C. Cutouts and other equipments on the meter board using 40mm dia 2.90 mm --- complete. Quantity same as recorded in emb page No. | | | | | | |
| | | | Quantity | 6.00 | | No. |
| | | | @ Rs 2727/No | | | Rs 16362.00 |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 139 | Supplying fixing and wiring earth electrode for grounding of lifts, transformer, DG sets etc using 40mm dia 2.9mm thick 2.5mtr long GI pipe with GI funnel -- Complete<br>Quantity same as recorded in emb page no. 6 | | | | | | |
| | | | | | Quantity | 8.00 | no |
| | | | | | @ Rs 43217.00/no | | Rs 345736 |

M. A. R. 57 (Rule 116)
Measurement Book

No. E 439658

No. ..... From ..... To .....

of work .....

of Contractor of nature of Agency.....

of commencement of work.....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| | Number | Length | Breadth | Depth | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 140) Supplying and running of Copper strips for grounding 25x3mm Connections using necessary fixing -- complete.<br>Qty vide recorded in emb 6. | | | | | | |
| | | | | Quantity | 17.00 | m |
| | | | | @ Rs 523.00/m | | Rs 8891.00 |
| 141) Supplying and running of Copper strips -- 25x6mm -- complete<br>Qty vide recorded in emb p.g. 6. | | | | | | |
| | | | | Quantity | 12.00 | m. |
| | | | | @ Rs 1018.00/m | | Rs 12216.00 |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 143. | Supplying and running of GI strips for grounding Connections -- 25x3mm GI strip - complete. Qty vide recorded on emb p.g. 6. | | Quantity @ Rs 77.00/m | | | 105.00 m Rs 8085.00 | |
| 144 | Supplying and running of GI strips -- 40x6mm GI strip -- Complete emb pg 6 | | Quantity @ Rs 166.00/m | | | 20.00 m Rs 3320.00 | |
| 142 | Supplying and running of Grounding Connection 600x600x3mm -- Complete emb pg-6. | | Qty @ Rs 7148.00/nr | | | 4.00 nr Rs 28592.00 | |

M. A. R. 57 (Rule 116)
Measurement Book

No. E 439659

No. .....
of work ..... From ..... To .....
of Contractor of nature of Agency.....
of commencement of work.....

| Full description, etc, of work | | Dimensions | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| | Number | Length | Breadth | Depth | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 145. Supplying and running of GI strips for grounding Connections -- 600x600x3 mm GI plate -- complete. Qty vide recorded in emb p.g. 7. | | Quantity @ Rs 784.00/nr | 4.00 | nr | Rs 3136.00. | |
| 146) Supply and laying GI / copper conductor for grounding 8 SWG -- Complete Qty vide recorded in emb pg 7 | | Quantity @ Rs 19.50/No | 35.00 | No. Rs | 682.50. | |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 147. | L.T Panel boards & distribution boards (1-0) Main LT Panel<br>Fabricating Supplying and mounting MS box modular<br>-- 14 SWG directions -- Complete.<br>Qty vide recorded<br>in emb page no 8 | | | Quantity upto 125% @ ₹ 0.37/cm | | 216800.00 cm<br>₹ 80216 | |
| | Silicon not claimed to be claiming amount - 97414.00 next bill | | | Quantity above 125 % @ ₹ 0.449/cm | | 39035.00 cm<br>₹ 17519 | |
| 148. | Supply and fixing angle iron frame work fabricated out of M.S. angle iron & MS flats -- Complete<br>75x150x75x6mm C Channel -- complete | | | | | | |

M. A. R. 57 (Rule 116) No. E 439660
Measurement Book

No. .....
of work ..... From ..... To .....
of Contractor of nature of Agency.....
f commencement of work.....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| | Number | Length | Breadth | Depth | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Qty vide recorded in emb pg 8. | | | Quantity @ ₹ 791.00/m | | 5.00 m<br>₹ 3955.00 | |
| 149) Supplying & fixing moulded case circuit Breaker -- Four pole 200 Amps 35kA -- Complete<br>Qty vide recorded<br>on emb p.g. 8. | | | Qty @ ₹ 14592.00/No | | 1.00 No<br>₹ 14592.00 | |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Ref. to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | Number 3 | Length 4 | Breadth 5 | Depth 6 | 7 | |
| 150. | Four pole 125-160 Amps 25 kA -- complete<br>Qty recorded in emb pg 8. | | | Quantity<br>@ Rs 732-00/No | | 3.00<br>Rs 2196.00 | No. |
| 151 | Supply and fixing 9 -- complete | Shunt trip | | Suitable for MCCB<br>Quantity<br>@ Rs 1486.00/No | | 4.00<br>Rs 5944.00 | CB(T)<br>No. |
| 152. | Supplying & fixing miniature Circuit breakers -- Complete | | | 5-32 Amps<br>Quantity<br>@ Rs 418.00/No | | 3.00<br>Rs 1254.00 | No. |

M. A. R. 57 (Rule 116) No. E

Measurement Book

439661

No. .....

of work ..... From ..... To .....

of Contractor of nature of Agency.....

of commencement of work.....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| 2 | Number 3 | Length 4 | Breadth 5 | Depth 6 | 7 | 8 |
| 153) Supplying and fixing miniature circuit breakers on existing MCB distribution boards -- - 5-32 Amps TPN. Qty vide recorded in emb page no. 9 | | | Quantity<br>Qty @ 1547.00/No | | 6.00<br>Rs 9282.00. | No. |
| 154) Supplying and fixing LED type panel board indicating lamp with required colour --- ~~220 V~~ 220 V AC 50 Hz 12/24V DC -- Complete | | | Qty<br>@ Rs 442.00/No | | 3.00<br>Rs 1326.00 | No. |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | Number 3 | Length 4 | Breadth 5 | Depth 6 | 7 | |
| 155 | Supplying, fixing & wiring meter -- complete. Qty vide recorded on emb page No 9 | | 0 to 600V | 96 x 96 mm AC 1Ø Quantity @ 390/No | | 100 No. ₹ 390.00 | |
| 156. | Rotary selector switch suitable for roll meter Qty on emb page No. 9 | | | Qty. @ 190./No | | 1.00 No ₹ 190.00 | |
| 157 | Wiring 0 to 1500 amp CT operated AC analog type Ammeter Qty on emb page No 9 | | | Qty @ ₹ 415.00/No | | 1.00 No ₹ 415.00 | |

M. A. R. 57 (Rule 116) No. E
Measurement Book
439662

No. .....
of work ..... From ..... To .....
of Contractor of nature of Agency.....
of commencement of work.....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| 2 | Number 3 | Length 4 | Breadth 5 | Depth 6 | 7 | 8 |
| 158) Supplying, fixing & wiring rotary selector switch -- complete Qty on emb page No. 10. | | | Qty @ ₹ 172.00 | | 1.00 No. ₹ 172.00 | |
| 159) Supplying & multi function digital meter - - - for 3 phase, 4 wire LT Network -- complete Qty vide recorded on emb page No. 10 | | | Qty @ ₹ 8003.00/No | | 1.00 No. ₹ 8003.00 | |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 160 | Supplying, fixing & wiring 50/5 to 400/5 Amps CT's complete. Now to be paid qty @ 483.00 /No | | | | | 3.00 | Nos. |
| | | | | | | | Rs 1449.00 |
| 161 | Supplying, fixing, wiring earth leakage relay - - complete | | | | | 1.00 | No |
| | @ Rs 7998.00 | | | | | | Rs 7998.00 |
| 162 | Supplying amps rated 3 phase with neutral bus bar --- 250 Amps 4x30x10mm Aluminium strips. | | | | | 3.00 | m |
| | @ Rs 2942.00 /m | | | | | | Rs 8826.00 |

M. A. R. 57 (Rule 116) No. E 439663

Measurement Book

No. .....

of work ..... From ..... To .....

of Contractor of nature of Agency.....

of commencement of work.....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| | Number | Length | Breadth | Depth | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 163) Supply and fixing 4 pole power contactors with NO/NC contacts 25Amps - - complete. | | | Qty | | 4.00 | Each. |
| @ Rs 1303.00 /No. | | | | | | Rs 5212.00 |
| 164) Supplying and fixing wiring heavy duty low voltage capacitors 440/440 volts grade - - complete. | | | Qty | | 20.00 | No. |
| @ Rs 414.00 /No. | | | | | | Rs 8280.00 |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions: Number | Length | Breadth | Depth | Contents | |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 165 | Supplying, fixing, wiring Controller fully, static<br>emb page No. 11 | Units | -- Kg | Automatic Power factor 8 Stage microprocessor-Con<br>Qty | | 1.00 | No |
| | | | | @ Rs 18660.00/No | | | Rs 18660.00 |
| 166. | Supplying and fixing angle iron frame work fabricated<br>out of M.S. angle iron<br>emb pg 11 | angle 75x | iron | 150x75x6mm C channel<br>Qty | | 5.00 | mt |
| | | | | @ Rs 791.00/m | | | Rs 3955.00 |
| 167 | miniature Circuit breakers | --- | | 5-32 Amps 1P Induction<br>Qty | | 3.00 | No |
| | emb pg 11 | | | @ Rs 418.00/No | | | Rs 1254.00 |

M. A. R. 57 (Rule 116) No. E

Measurement Book

439664

No. .....

of work ..... From ..... To .....

of Contractor of nature of Agency.....

of commencement of work.....

| Full description, etc, of work | Dimensions: Number | Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 168) Supplying & fixing miniature circuit breaker 40-63 Amps TPN. | | | | | | |
| | | | | Quantity | 6.00 | No. |
| | | | | @ Rs | 1936.00/No | Rs 11616.00/- |
| 169) Supplying & fixing of LED type panel board -- 220V AC, 50Hz 12/24V DC | | | | | | |
| | | | | Qty | 3.00 | No. |
| | | | | @ | 442/No | Rs 1326.00 |
| 170) wiring 0 to 600 volts 96x96mm AC voltmeter | | | | | | |
| | | | | Qty | 1.00 | No. |
| | | | | @ Rs | 390.00/No | Rs 390.00 |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 171 | Supplying, fixing and wiring rotary selector ~~Switch~~ complete<br>Qty vide recorded in emb page No. 12 | | | Qty<br>@ Rs | | 1.00<br>1140.00/No | No.<br>1140.00 |
| 172 | Supplying, fixing and wiring 0 to 1500 amps CT operated AC Analog type Ammeter -- complete<br>Qty vide recorded in emb page No. 12. | | | Quantity<br>@ Rs | | 1.00 No<br>415.00 /No | Rs 415.00 |

M. A. R. 57 (Rule 116) No. E 439665

Measurement Book

No. .....

of work ..... From ..... To .....

of Contractor of nature of Agency .....

of commencement of work .....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| | Number | Length | Breadth | Depth | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 173. Supplying, fixing and wiring rotary selector switch suitable for Ammeter -- complete. | | | | Qty | 1.00 | Each |
| | | | | @ Rs | 172.00/ | Rs 172.00 |
| 174) Supplying, fixing & wiring 0/5 to 400/5 Amps 5 VA burden Current transformer class 0.5 accuracy -- complete. | | | | Qty | 3.00 | Each |
| | | | | @ Rs | 483.00/No | Rs 1449.00 |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 175 | Supplying of multi-function digital meter with 3 line back light LCD type -- Complete<br>Qty vide recorded in emb pg 12 | | | | Quantity | 1.00 NO. | |
| | | | | | @ Rs 8003.00/NO | Rs 8003.00 | |
| 176. | star-delta starter unit push button, 400/440V 3 phase --- upto 125 HP directions -- Complete<br>Qty vide recorded in emb pg 12 | | | | Quantity | 4.00 NO | |
| | | | | | @ Rs 6583.00 /NO | Rs 26332.00 | |

M. A. R. 57 (Rule 116) No. E 439666
Measurement Book

No. .....
of work ..... From ..... To .....
of Contractor of nature of Agency.....
of commencement of work.....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| | Number | Length | Breadth | Depth | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 177) Supplying amps rated 3 phase with neutral bus bar -- -- 40x6mm M.S. flat frame -- 250 Amps 4x30x10 mm Alu strips.<br>Qty vide recorded in emb page no. 22 | | | | Qty | 5.00 m | |
| | | | | @ Rs 2942.00/m | | Rs 14710.00 |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Ref. to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | Number 3 | Length 4 | Breadth 5 | Depth 6 | 7 | |
| 178. | MCB distribution boards - - Double door, 4 way TP&N<br>Emb pg. 13 | | 14SWG MS enclosure IP<br>directions - - Complete<br>Quantity<br>@ Rs 2399.00/No | | | 3.00<br>Rs | No.<br>7197.00 |
| 179 | Supplying and fixing miniature circuit breakers on existing MCB - - 5-32 Amps TPN directions<br>Emb pg 13 | | Quantity<br>@ 1547.00/No | | | 3.00<br>Rs | No.<br>4641.00 |

M. A. R. 57 (Rule 116) No. E

Measurement Book

439667

No. .....

of work ..... From ..... To .....

of Contractor of nature of Agency.....

of commencement of work.....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| 2 | Number 3 | Length 4 | Breadth 5 | Depth 6 | 7 | 8 |
| 180) Supplying and fixing miniature circuit breakers on existing MCB distribution boards wiring - - - 5-32 Amps SP directions - complete<br>Emb pg 13 | | | | Qty<br>@ Rs | 36.00<br>418.00/No | Each.<br>Rs 15048.00 |
| 181) Submains Circuits Mains/Power wiring. Open Conduit System - - 700mm 2mm thick - - Complete<br>emb pg 13 | | | | wiring NF Screws 19/20mm dia<br>Qty<br>@ Rs 54.00/m | 466.00 | M.<br>Rs 25164.00 |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 182 | Open Conduit System Supplying heavy guage PVC Conduit --- NF Screws 25mm dia 2mm thick -- complete<br>Emb pg. 13. | | to be paid quantity | | | 141.00 m<br>@ Rs 70.00/m | Rs 9870 |
| 183. | heavy guage PVC Conduit pipe dia mm thick Suitable size bends, junction boxes -- 700 mm using NF Screws 32mm dia 2.5mm thick -- Complete<br>emb pg. 14 | | to be paid quantity | | | 81.00<br>@ Rs 100.00/m | Rs 8100 |

M. A. R. 57 (Rule 116) No. E
Measurement Book
439668

No. .....
of work ..... From ..... To .....
of Contractor of nature of Agency.....
f commencement of work.....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| | Number | Length | Breadth | Depth | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 184) Concealed Conduit System, PVC conduit pipe 19/20mm dia 2mm thick with suitable size bends, metal/PVC junction boxes recorded on emb pg. 14 | | to be paid | Qty | 408.00 | m<br>@ Rs 43.00/m | Rs 17544.00. |
| 185) Concealed Conduit System, heavy guage PVC conduit pipe 25mm dia 2mm thick -- Complete.<br>emb page No. 14 | | | Qty | 1452.00 | m<br>@ Rs 57.00/m | Rs 82821.00 |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Ref. to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | Number 3 | Length 4 | Breadth 5 | Depth 6 | 7 | |
| 186. | Concealed Conduit 32mm dia 2.5mm thick Qty vide recorded on emb pg 14 | System -- PVC Conduit Pipe -- Complete | | | | | mm |
| | | | To be paid Qty @ Rs | 90.00/m | | 282.00 M | 253804 |
| 187 | Groove Cutting, Concealed guage PVC Conduit pipe Qty vide recorded on emb pg. 14 & 15 | Conduit System - heavy 19/20mm dia 2mm thick -- | | | | | |
| | | | Qty | | | 10.00 m | |
| | | | @ 56.00/m | | | Rs 560.00 | |

M. A. R. 57 (Rule 116) No. E

Measurement Book

439669

No. ..... From ..... To .....

of work .....

of Contractor of nature of Agency.....

of commencement of work.....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| 2 | Number 3 | Length 4 | Breadth 5 | Depth 6 | 7 | 8 |
| 188) Groove Cutting - Concealed conduit System - - 25mm dia 2mm thick Chasections -- Complete emb pg. 15 | | | | | | |
| | | | | Qty | 425.00 | m |
| | | | | @ Rs 58.00/m | | Rs 24650.00 |
| 189) Groove Cutting Concealed Conduit System -- 32mm dia 2.5mm thick -- Complete emb pg. 15 | | | | | | |
| | | | | Qty | 227.00 | m |
| | | | | @ Rs 88.00/m | | Rs 19976.00 |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | Number 3 | Length 4 | Breadth 5 | Depth 6 | 7 | |
| 190. | Supplying and wiring adopting loop system in existing PVC Conduit/casing capping wiring 1100V grade -- 2x1.5 sqmm cable -- Complete. Qty vide recorded in emb pg No. 15 | | Qty @ 174.00/point | | | 10.00 Rs 1740.00 | point |
| 191. | Supplying and wiring adopting loop system in existing PVC conduit/casing capping wiring 1100 V grade 3 mtr upto 6 mtr Qty emb pg 15 Recorded | | Qty @ Rs 245.00/point | | | 19.00 Rs 4655.00 | point |

M. A. R. 57 (Rule 116) No. E
Measurement Book 439670

No. ..... From ..... To .....
of work .....
e of Contractor of nature of Agency.....
of commencement of work.....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| 2 | Number 3 | Length 4 | Breadth 5 | Depth 6 | 7 | 8 |
| 192) Supplying and wiring adopting loop system in existing PVC conduit/casing capping wiring 1100V -- Group A Long point above 6 Mtr upto 10 Mtr. Qty vide recorded in emb page No 15 | | Quantity | | | 126.00 Rs 363.00/point | point. Rs 45738.00. |
| 193) Supplying and wiring adopting loop system in existing PVC conduit -- above 8 Mtr upto -- Complete | | | | | | |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions: Number | Length | Breadth | Depth | Contents | |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| | Qty vide recorded in emb page No. 16 | | | Quantity | | 6.00 | No. |
| | | | | @ Rs 482.00/No. | | | Rs 2892.00 |
| 194 | Supplying and wiring adopting loop system in existing PVC conduit -- above 6 mts. | | | | | | |
| | Qty vide recorded in emb page No. 16. | | | Quantity | | 2.00 | point |
| | | | | @ Rs 682.00/point | | Rs | 1364.00 |
| 195 | wiring for lighting / Power circuit using one -- 1100V grade, multistrand Copper with -- Complete | | | | | | |

M. A. R. 57 (Rule 116) No. E
Measurement Book

439671

No. ..... From ..... To .....
of work .....
of Contractor of nature of Agency.....
of commencement of work.....

| Full description, etc, of work | Dimensions: Number | Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| GTP of Group A 1.5 Sqmm directions -- Complete. | | | | | | |
| Qty vide recorded in emb page No. 16. | | | Quantity | | 800.00 | m |
| | | @ Rs 18.50/m | | | | Rs 14800.00 |
| 196) wiring for lighting / Power circuit using one Insulated 1100V grade, multistrand -- Complete | GTP of Group A 2.5 Sqmm FRLS PVC | | | | | |
| | | | Quantity | | 2000.00 | m |
| | @ Rs 29.20/m | | | | Rs | 58400.00 |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 197 | wiring for lighting power Circuit wiring -- GTP @ Group A, 4Sqmm direction -- Complete. Qty vide recorded in emb pag no. 16. | | Quantity @ Rs 42.20/m | | | 475.00 | m |
| 217. | Fixing all types and all capacities of Flomescent false ceiling --- complete Qty vide recorded in emb page No. 16. | | Quantity @ Rs 98.00/no | | | 69.00 | Each |

M. A. R. 57 (Rule 116) No. E
Measurement Book
439672

No. ..... From ..... To .....
of work .....
of Contractor of nature of Agency.....
of commencement of work.....

| Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| | Number | Length | Breadth | Depth | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| DA | | 4875899 - ① | | Sub | Total | 4973314.00. |
| Cess 12% | | 585108 - ② | | 18% GST | | 4973314.00. |
| | | 5705092 - ③ | | | | |
| Bescom charges inclusive of GST. as per Receipt No. 177904989349 | | | | | | 191200.00 |
| Bescom charges inclusive of GST as-pa | | | | | | 177904949626 52885.00 |
| | | | | | Total Amount | 6,12,596.00 |

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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Final Part

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| | P 1732 | | | | | | |
| | Abdale - H 7759958-00 | | | | | | |
| | Revise - 14179000-00 | | | | | Net 523203 | |
| | BA 5705000-00 | | | | | | |
| | Li 57100.00 | | | | | | |
| | Cui 5100.00 | | | | | | |
| | Seri 5100-00 | | | | | | |
| | Gi. 5700-00 | | | | | | |
| | Swr. 57100-00 | | | | | | |
| | CR 10001-00 | | | | | | |
| | Audit Recovery 2019-20 23001-00 | | | | | | |
| | Audit 21-22 25068-00 | | | | | | |
| | FSD 172000-00 | | | | | | |
| | 472969-00 | | | | | | |

Head of Account P 1732

Audited & admitted for Rs. 5705000

5323031-00

by Cheque

and Rs. 472969-00 by Adjustment

Acct. Clerk
Project Division

Acct. Supdt.
Project Division
B.B.M.P.

Exe. Engineer
Project Division
B.B.M.P

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